

ABSTRACT

A method and composition are disclosed for providing a two-part polymer binder additive for a fibrous sheet for improving both its strength and durability. The two-part polymer binder may be added to augment organic binders to increase board strength and durability or to reduce the amount of organic binder required. The polymers may also be added in place of conventional organic binders or added in addition to organic binders to improve sag resistance and fibrous sheet performance.